Figure 1

Summary of Certain Experiments Forming IHP-BGTC Complexes

1. 0.35 mM BGTC suspension (spin, sonicated, 50 C)
   188 nm particles (measured by light scattering)
   Two populations: i) 56%, 116 nm; ii) 51%, 558 nm

2. 1 mM IHP
   clear solution

3. 1 mM IHP + 0.35 mM BGTC
   (i) precipitation (760 nm-980 nm-1200 nm-1706 nm-2000 nm-2800 nm) measurement stopped after five minutes
   (ii) sonicated back to 760 nm, but then particle size increased to 2000 nm
   (iii) 10 μL of serum added, but the size of the particles did not change; subsequent sonication had no discernable effect

4. 2 mL HBSE + 100 μL serum particle size = 930 nm
   (i) addition of BGTC (0.35 mM final concentration): precipitation
   (ii) addition of IHP (1.0 mM final concentration): precipitation, but no greater than without IHP

5. BGTC at 0.35 mM, 3.5 mM, or 35 mM, each with 1 mM IHP
   precipitation (particle size = 800 nm), but 3% DMF limited the particle size to about 480 nm

6. IHP at 1 mM, 2 mM, 5 mM, or 10 mM, with 0.35 mM or 3.5 mM BGTC
   precipitation, but 3% DMF limited the particle size

7. Concentrations described in (6), including DMF; Tris pH 7.1; and washed RBCs, lysed cells, or hemoglobin: precipitation

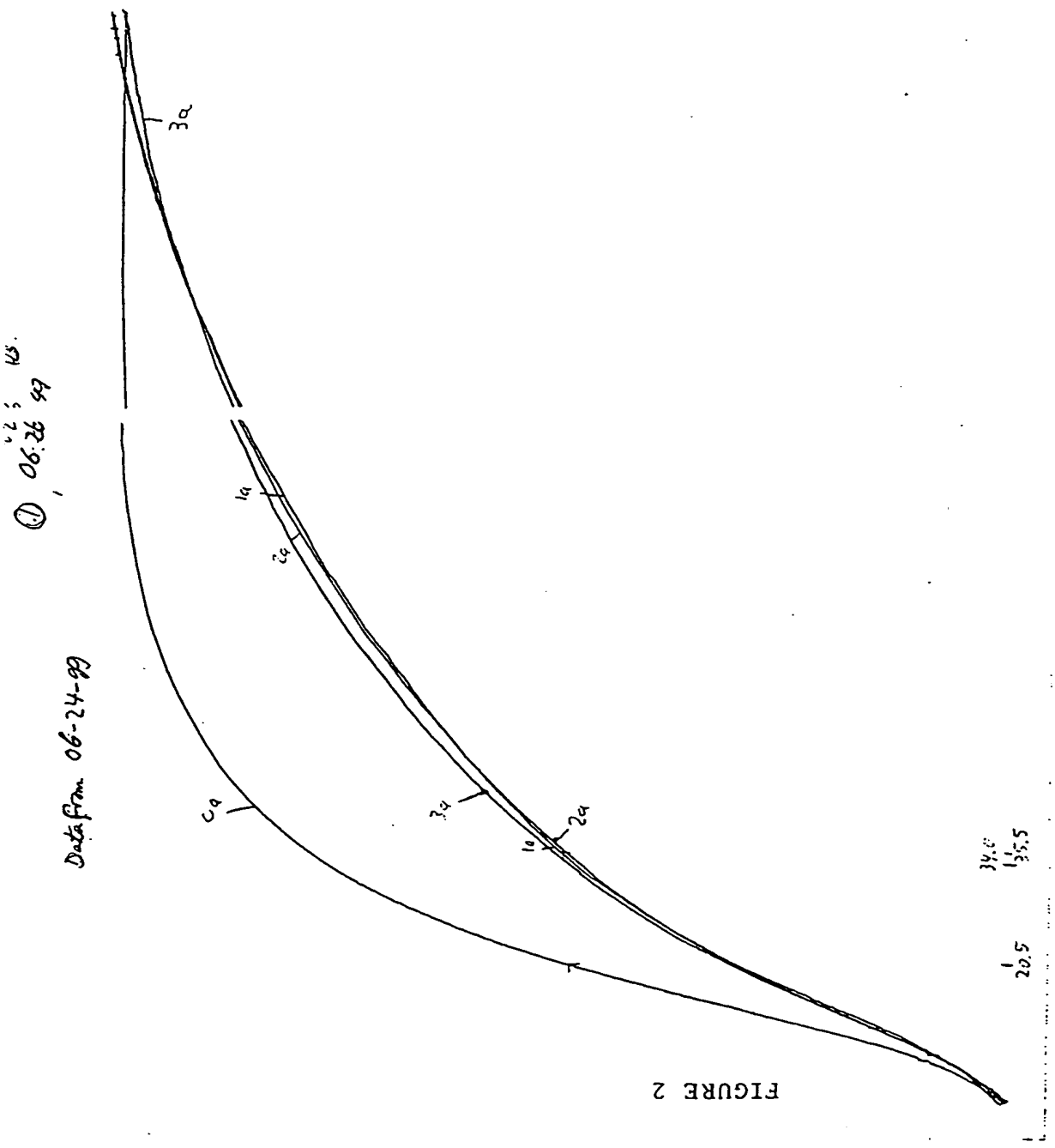
Ca = Control RSC + Background
1a, 2a, 3a = RSC + Background + HP (see experimental)
Data from 06-24-99
06-28-99
3a
1a
2a
Ca
3a
1a
2a
20.5
34.5
35.5

FIGURE 2